



#6

SEQUENCE LISTING

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Schou, Carsten
Wissenbach, Margit

<120> Modified Peptide Nucleic Acid (PNA) Molecules

<130> PANT-0301

<140> 10/083,259

<141> 2001-10-19

<150> 09/689,155

<151> 2000-10-12

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<170> PatentIn version 3.1

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<400> 89

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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 <222> (15)..(16)
 <223> Xaa is N-(2-Boc-aminoethyl)-N-(N2-(benzyloxycarbonyl)guanine-9-yl-acetyl)glycine

<220>
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 <222> (17)..(19)
 <223> Xaa is N-(2-Boc-aminoethyl)-N-(N6-(benzyloxycarbonyl)adenine-9-yl-acetyl)glycine

<400> 144

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 1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20

<210> 145
 <211> 33
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 145

Gly Ala Gly Thr Ala Gly Ala Ala Ala Ala Cys Gly Cys Ala Gly Cys
 1 5 10 15

Gly Gly Ala Thr Gly Ala Ala Ala Cys Thr Ala Cys Ala Gly Ala Ala
 20 25 30

Cys

<210> 146
 <211> 33
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 146

Gly Thr Thr Cys Thr Gly Thr Ala Gly Thr Thr Thr Cys Ala Thr Cys
 1 5 10 15

Cys Gly Cys Thr Gly Cys Gly Thr Thr Thr Thr Cys Thr Ala Cys Thr
20 25 30

Cys

<210> 147
<211> 23
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<222> (5)..(6)
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<223> Xaa is N-(2-Boc-aminoethyl)-N-(thymine-1-yl-acetyl)glycine

<220>
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<220>
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 <223> Xaa is lysine

<400> 147

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20

<210> 148
 <211> 10
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<400> 148

Lys Phe Phe Lys Phe Phe Lys Phe Phe Lys
1 5 10

<210> 149

<211> 11

<212> PRT

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<223> Xaa is leucine-ahex-ado

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Gly Lys Leu Ala Lys Ala Leu Lys Lys Leu Xaa
1 5 10

<210> 150

<211> 11

<212> PRT

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<223> Synthetic Construct

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<222> (11)..(11)

<223> Xaa is leucine-ado-ado

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Gly Lys Leu Ala Lys Ala Leu Lys Lys Leu Xaa
1 5 10

<210> 151

<211> 9

<212> PRT

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<223> Synthetic Construct

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<223> Xaa is phenylalanine-ado-ado

<400> 151

Lys Phe Phe Lys Phe Phe Lys Phe Xaa
1 5

<210> 152

<211> 9

<212> PRT

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<210> 153
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<400> 153

Cys Lys Phe Phe Lys Phe Phe Lys Phe Phe Xaa
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<210> 154
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<220>
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<400> 154

Cys Gly Lys Leu Ala Lys Ala Leu Lys Lys Leu Xaa
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<210> 155
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<220>
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 <223> Xaa is lysine-smcc-ado

<400> 155

Cys Phe Phe Lys Phe Phe Xaa
1 5

<210> 156
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 156

Cys Gly Lys Leu Ala Lys Ala Leu Lys Lys Leu Leu
1 5 10

<210> 157
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 157

Lys Phe Phe Lys Phe Phe Lys
1 5

<210> 158
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 158

Gly Ile Gly Lys Phe Leu His Ala Ala Lys Lys Phe Ala Lys Ala Phe
1 5 10 15

Val Ala Glu Ile Met Asn Ser
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<210> 159
<211> 39
<212> PRT
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<223> Xaa is N-(2-Boc-aminoethyl)-N-(thymine-1-yl-acetyl)glycine

<220>
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 -acetyl)glycine

<400> 159

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 35

<210> 160
 <211> 24
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<220>
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 <222> (3)..(3)
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<220>
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-acetyl)glycine

<220>
<221> misc_feature

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<220>
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<400> 160

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1          5          10          15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
                20

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